

Fri May 28 09:30:31 2004

align505_20020028508

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: May 19, 2004, 15:48:38 ; Search time 25 Seconds
(without alignments)
4.070 Million cell updates/sec

Title: US-09-978-191A-505

Perfect score: 1738
Sequence: 1 ccaggtccacacgcacctcg.....agctataatggtcaaat 1738

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 0.5

Searched: 42 seqs, 29275 residues

Total number of hits satisfying chosen parameters: 84

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: US20020028508A1.seq*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	1485	85.4	1512	Sequence 9, Appl1
2	1350	77.7	1475	Sequence 16, Appl1
3	1350	77.7	1475	Sequence 22, Appl1
4	1157	66.6	1353	Sequence 19, Appl1
5	819	47.1	819	Sequence 11, Appl1
6	599	34.5	741	Sequence 21, Appl1
7	559	32.2	630	Sequence 24, Appl1
8	516.599	29.7	846	Sequence 13, Appl1
9	510.399	29.4	825	Sequence 14, Appl1
10	249	14.3	249	Sequence 18, Appl1
11	48	2.8	1856	Sequence 1, Appl1
12	37.4	2.2	501	Sequence 62, Appl1
13	36.4	2.1	2148	Sequence 33, Appl1
14	34	2.0	489	Sequence 46, Appl1
15	34	2.0	489	Sequence 47, Appl1
16	34	2.0	489	Sequence 48, Appl1
17	34	2.0	489	Sequence 49, Appl1
18	33.4	1.9	2401	Sequence 29, Appl1
19	31.6	1.8	741	Sequence 21, Appl1
20	31.6	1.8	819	Sequence 11, Appl1
21	31.6	1.8	1353	Sequence 19, Appl1
22	31.6	1.8	1475	Sequence 16, Appl1
23	31.6	1.8	1475	Sequence 22, Appl1
24	31.6	1.8	1512	Sequence 9, Appl1
25	30.8	1.8	1311	Sequence 31, Appl1
26	30.8	1.8	1440	Sequence 40, Appl1
27	30	1.7	1350	Sequence 35, Appl1
28	29.4	1.7	1384	Sequence 37, Appl1
29	29.4	1.7	1452	Sequence 41, Appl1
30	29.4	1.7	2148	Sequence 13, Appl1
31	27.6	1.6	249	Sequence 18, Appl1
32	27.6	1.6	630	Sequence 24, Appl1
33	27.6	1.6	630	Sequence 24, Appl1

C	34	26.8	1.5	2401	1	US-09-790-264-29	Sequence 29, Appl1
C	35	26	1.5	1452	1	US-09-790-264-41	Sequence 41, Appl1
C	36	25.8	1.5	384	1	US-09-790-264-43	Sequence 43, Appl1
C	37	24.8	1.4	1311	1	US-09-790-264-31	Sequence 31, Appl1
C	38	24.8	1.4	1440	1	US-09-790-264-40	Sequence 40, Appl1
C	39	24.4	1.4	1350	1	US-09-790-264-35	Sequence 35, Appl1
C	40	24	1.4	846	1	US-09-790-264-13	Sequence 13, Appl1
C	41	22.8	1.3	825	1	US-09-790-264-14	Sequence 14, Appl1
C	42	22.6	1.3	189	1	US-09-790-264-45	Sequence 45, Appl1
C	43	22.6	1.3	384	1	US-09-790-264-43	Sequence 43, Appl1
C	44	21.4	1.3	1384	1	US-09-790-264-37	Sequence 37, Appl1
C	45	21.4	1.2	1338	1	US-09-790-264-3	Sequence 3, Appl1

ALIGNMENTS

RESULT 1
US-09-790-264-9
Sequence 9, Application US/09790264
Patient No. US20020028508A1
GENERAL INFORMATION:
APPLICANT: Holtzman, Douglas A.
APPLICANT: Goodearl, Andrew D.J.
APPLICANT: McCarthy, Sean A.
TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
TITLE OF INVENTION: USES
FILE REFERENCE: 07334-322001
CURRENT APPLICATION NUMBER: US/09/790,264
CURRENT FILING DATE: 2001-02-21
PRIOR APPLICATION NUMBER: US 09/065,661
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: US 09/298,531
PRIOR FILING DATE: 1999-04-23
PRIOR APPLICATION NUMBER: US 09/065,363
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: US 09/337,930
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: US 09/102,705
PRIOR FILING DATE: 1998-06-22
PRIOR APPLICATION NUMBER: US 09/363,630
PRIOR FILING DATE: 1999-07-29
PRIOR APPLICATION NUMBER: US 09/124,538
PRIOR FILING DATE: 1998-07-29
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 1512
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (3274)...(1092)
US-09-790-264-9
Query Match 85.4%; Score 1485; DB 1; Length 1512;
Best Local Similarity 100.0%; Pred. No. 1.8e-135;
Matches 1485; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 143 CTCAGAGAGTCTCTCCAGAGGCGCCAGTGGCTGAGGCGCCAGCAAGGAGGCTGAT 202
Db CTCAGAGAGTCTCTCCAGAGGCGCCAGTGGCTGAGGCGCCAGCAAGGAGGCTGAT 202
QY 18 CTCAGAGAGTCTCTCCAGAGGCGCCAGTGGCTGAGGCGCCAGCAAGGAGGCTGAT 77
Db CTCAGAGAGTCTCTCCAGAGGCGCCAGTGGCTGAGGCGCCAGCAAGGAGGCTGAT 77
QY 203 CTCAGAGTCTCCAGAGGCGCCAGTGGCTGAGGCGCCAGCAAGGAGGCTGAT 262
Db CTCAGAGTCTCCAGAGGCGCCAGTGGCTGAGGCGCCAGCAAGGAGGCTGAT 262
QY 78 CTCAGAGTCTCCAGAGGCGCCAGTGGCTGAGGCGCCAGCAAGGAGGCTGAT 137
Db CTCAGAGTCTCCAGAGGCGCCAGTGGCTGAGGCGCCAGCAAGGAGGCTGAT 137
QY 263 CAGCCCGCAGAGCCGAGGAGGAGCAGAGTGGCTCCACCAACCCGAGAGAGCACTCTGCG 322
Db CAGCCCGCAGAGCCGAGGAGGAGCAGAGTGGCTCCACCAACCCGAGAGAGCACTCTGCG 322
QY 138 CAGCCCGCAGAGCCGAGGAGGAGCAGAGTGGCTCCACCAACCCGAGAGAGCACTCTGCG 197
Db CAGCCCGCAGAGCCGAGGAGGAGCAGAGTGGCTCCACCAACCCGAGAGAGCACTCTGCG 197
QY 323 CCGTCCGCGGAGAGTGAATCTCTCTCCCGCAGGCGCCAGGAGAGAGAGGAGGAGCCCG 382
Db CCGTCCGCGGAGAGTGAATCTCTCTCCCGCAGGCGCCAGGAGAGAGAGGAGGAGCCCG 382

PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579

PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
Query Match 99.9%; Score 1504; DB 1; Length 273;
Best Local Similarity 99.6%; Pred. No. 0;
Matches 272; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 MRGQEVLLMVLAVGTEHAYRPGRRVCAVRAHGDVPVSEFVQVYQFFLTTCGHR 60
DB 1 MRGQEVLLMVLAVGTEHAYRPGRRVCAVRAHGDVPVSEFVQVYQFFLTTCGHR 60
QY 61 ACSTYRTIYRTAYRRSPGLAPAPRYACCPGWKRTSLPGACGAAICQPPCRNGGSCVQP 120
DB 61 ACSTYRTIYRTAYRRSPGLAPAPRYACCPGWKRTSLPGACGAAICQPPCRNGGSCVQP 120
QY 121 GRCPAGWRGDTCCSDVDECSARRGCGPCORCINTAGSYWCQWEGHSLSDGTLCPVKG 180
DB 121 GRCPAGWRGDTCCSDVDECSARRGCGPCORCINTAGSYWCQWEGHSLSDGTLCPVKG 180
QY 181 GPPRVAPNPTGVDSPAMKEEVQRLQSRVLDLLEKQLVLAFLHSLASQALEHGLPDPGSL 240
DB 181 GPPRVAPNPTGVDSPAMKEEVQRLQSRVLDLLEKQLVLAFLHSLASQALEHGLPDPGSL 240
QY 241 VHSFOQLGRIDSLSEQISFLEBQLGSCCKKDS 273
DB 241 VHSFOQLGRIDSLSEQISFLEBQLGSCCKKDS 273
RESULT 304
US-09-852-472-2
; Sequence 2, Application US/09852472
; Publication No. US20030166907A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Jelinek, Laura J.
; TITLE OF INVENTION: Mammalian Neuro-Growth Factor Like
; TITLE OF INVENTION: Protein
; FILE REFERENCE: 97-28C1
; CURRENT APPLICATION NUMBER: US/09/852,472
; CURRENT FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/099,295
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/050,143
; PRIOR FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 273
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-852-472-2
Query Match 99.9%; Score 1504; DB 1; Length 273;
Best Local Similarity 99.6%; Pred. No. 0;
Matches 272; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1 MRGQEVLLMVLAVGTEHAYRPGRRVCAVRAHGDVPVSEFVQVYQFFLTTCGHR 60
DB 1 MRGQEVLLMVLAVGTEHAYRPGRRVCAVRAHGDVPVSEFVQVYQFFLTTCGHR 60
QY 61 ACSTYRTIYRTAYRRSPGLAPAPRYACCPGWKRTSLPGACGAAICQPPCRNGGSCVQP 120
DB 61 ACSTYRTIYRTAYRRSPGLAPAPRYACCPGWKRTSLPGACGAAICQPPCRNGGSCVQP 120
QY 121 GRCPAGWRGDTCCSDVDECSARRGCGPCORCINTAGSYWCQWEGHSLSDGTLCPVKG 180
DB 121 GRCPAGWRGDTCCSDVDECSARRGCGPCORCINTAGSYWCQWEGHSLSDGTLCPVKG 180

[illegible]